

ABSTRACT

An optical fiber for evenly illuminating a target. The optical fiber is coupled to a laser emitting diode and receives laser light. The laser light travels through the fiber optic and exits at an exit end. The exit end has a diffractive optical pattern formed thereon via etching, molding or cutting, to reduce the Gaussian profile present in conventional fiber optic cables. The reduction of the Gaussian provides an even illumination from the fiber optic cable.

CERTIFICATE OF MAILING

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